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Claims

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1. Compound of formula (1) and salts, stereoisomeric forms, racemic mixtures, prodrugs, esters and metabolites thereof, wherein

5 R₁ is a glycosyl moiety, hydroxyl-protected acetate derivatives thereof or amino derivatives thereof;

 R_2 , R_3 an R_4 are, each independently, selected from the group comprising hydrogen, C_{1-6} alkyl, C_{2-20} alkenyl, C_{6-20} arylalkyl, C_{3-7} cycloalkyl, C_{3-7} cycloalkyl C_{1-6} alkyl, C_{6-20} arylalkyl, arylcarbonyloxy, alkyloxy, alkyloxy, alkylothio, alkylamino, alkyloxyalkyl, alkanoyl, alkylcarbonylalkyl, optionally substituted by one or more substituents independently selected from the group comprising alkyl, aralkyl, aryl, cycloalkyl, alkyloxycarbonyl, carboxyl, aminocarbonyl, hydroxy, cyano, halogen or amino optionally mono- or disubstituted wherein the substituents are independently selected from the group comprising alkyl, aryl, aralkyl, aryloxy, arylamino, aryloxyalkyl, arylaminoalkyl, aralkoxy, alkoxy.

- 2. Compound according to claim 1, wherein said glycosyl moiety is a saccharyl moiety, a hydroxyl-substituted cyclohexyl moiety, hydroxyl-protected acetate derivatives thereof or amino derivatives thereof.
- Compound according to claim 1 or 2, wherein R₂, R₃ an R₄ are, each independently, selected from the group comprising hydrogen, C₁₋₆alkyl, C₂₋₂₀alkenyl, C₆₋₂₀arylalkyl, C₃₋₇cycloalkyl, C₃₋₇cycloalkylC₁₋₆alkyl, C₆₋₂₀aryl and R₁ is selected from the group comprising glucopyranosyl, fructosyl, galactopyranosyl, mannopyranosyl, ribosyl, ribulosyl, xylulosyl, erythrosyl, threosyl, sorbosyl, psicosyl, tagatosyl, fucosyl, arabinosyl, xylofuranosyl, lyxosyl, talosyl, idosyl, gulosyl, altrosyl, allosyl, mannoheptulosyl, sedoheptulosyl, maltosyl, lactosyl, glucofuranosyl, sucrosyl, cellobiosyl, trehalosyl, gentiobiosyl, melibiosyl, turanosyl, sophorosyl, isosucrosyl, raffinosyl, gentianosyl, 2-amino-2-deoxy glucosyl, 2-amino-2-deoxy galactosyl, 2-amino-1,3-cyclohexanediol, hydroxyl-protected acetate derivative thereof or amino derivatives thereof.

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4. Compound according to any of claims 1 to 3, having the formula (2), wherein R_1 , R_2 , R_3 and R_4 have the same meaning as that defined above.

$$R_4$$
 R_1
 R_2
 R_2
 R_2
 R_3

5. Compound according to any of claims 1 to 3,having the formula (3), wherein R₁, R₂, R₃
 5 and R₄ have the same meaning as that defined above.

$$R_4$$
 R_1
 R_2
 R_3
 R_3

6. Compound according to any of claims 1 to 3, having the formula (4), wherein R_1 , R_2 , R_3 and R_4 have the same meaning as that defined above.

$$R_4$$
 R_1
 R_2
 R_3
 R_4
 R_2
 R_3

- 10 7. Compound according to any of claims 1 to 6, wherein R₁ is glucopyranosyl or galactopyranosyl, R₂, R₃ and R₄ are each independently C₁₋₆alkyl.
 - 8. Compound according to any of claims 1 to 4, having the formula (5),

wherein R₁ is selected from the group comprising glucopyranosyl, fructosyl, galactopyranosyl, mannopyranosyl, ribosyl, ribulosyl, xylulosyl, erythrosyl, threosyl, sorbosyl, psicosyl, tagatosyl, fucosyl, arabinosyl, xylofuranosyl, lyxosyl, talosyl, idosyl, gulosyl, altrosyl, allosyl, mannoheptulosyl, sedoheptulosyl, maltosyl, lactosyl, glucofuranosyl, sucrosyl, cellobiosyl, trehalosyl, gentiobiosyl, melibiosyl, turanosyl,

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sophorosyl, isosucrosyl, raffinosyl, gentianosyl, 2-amino-2-deoxy glucosyl, 2-amino-2-deoxy galactosyl, 2-amino-1,3-cyclohexanediol, hydroxyl-protected acetate derivatives thereof or amino derivatives thereof.

9. Compound according to any of claims 1 to 3 and 5, having the formula (6)

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wherein R_1 is selected from the group comprising glucopyranosyl, fructosyl, galactopyranosyl, mannopyranosyl, ribosyl, ribulosyl, xylulosyl, erythrosyl, threosyl, sorbosyl, psicosyl, tagatosyl, fucosyl, arabinosyl, xylofuranosyl, lyxosyl, talosyl, idosyl, gulosyl, altrosyl, allosyl, mannoheptulosyl, sedoheptulosyl, maltosyl, lactosyl, glucofuranosyl, sucrosyl, cellobiosyl, trehalosyl, gentiobiosyl, melibiosyl, turanosyl, sophorosyl, isosucrosyl, raffinosyl, gentianosyl, 2-amino-2-deoxy glucosyl, 2-amino-1,3-cyclohexanediol, hydroxyl-protected acetate derivatives thereof or amino derivatives thereof.

10. Compound according to any of claims 1 to 3 and 6, having the formula (7)

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wherein R_1 is selected from the group comprising glucopyranosyl, fructosyl, galactopyranosyl, mannopyranosyl, ribosyl, ribulosyl, xylulosyl, erythrosyl, threosyl, sorbosyl, psicosyl, tagatosyl, fucosyl, arabinosyl, xylofuranosyl, lyxosyl, talosyl, idosyl, gulosyl, altrosyl, allosyl, mannoheptulosyl, sedoheptulosyl, maltosyl, lactosyl, glucofuranosyl, sucrosyl, cellobiosyl, trehalosyl, gentiobiosyl, melibiosyl, turanosyl, sophorosyl, isosucrosyl, raffinosyl, gentianosyl, 2-amino-2-deoxy glucosyl, 2-amino-1,3-cyclohexanediol, hydroxyl-protected acetate derivatives thereof or amino derivatives thereof.

11. Compound according to any of claims 8 to 10, wherein R₁ is β-D-glucopyranosyl.

12. Compound according to any of claims 1 to 11 having the formula (8), (9), or (10) or stereoisomers thereof

13. Compound according to claim 12 having the formula (11), (12) or (13)

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- 14. Use of a compound according to any of claims 1 to 13 as a medicament.
- 15. Use of a compound according to any of claims 1 to 13 as a phytopharmaceutic.
- 16. Use of a compound according to any of claims 1 to 13 as a biostatic.
- 17. Use of a compound according to any of claims 1 to 13 as a biocide.
- 10 18. Use of a compound according to any of claims 1 to 13 as an antibiotic.
 - 19. Use of a compound according to any of claims 1 to 13 as an antifouling agent.
 - 20. Use of a compound according to any of claims 1 to 13 as an immunosuppressive agent.
 - 21. Use of a compound according to any of claims 1 to 13 as an antifungal.
- 15 22. Use of a compound according to any of claims 1 to 13 as a cholesterol lowering agent.
 - 23. Use of a compound according to any of claims 1 to 13 as an anticancer drug.
 - 24. Pharmaceutical composition comprising at least one compound according to any of claims 1 to 13 and a pharmaceutically acceptable carrier.

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25. Use of a compound according to any of claims 1 to 13 in the preparation of a

medicament for the treatment of cancer.

26. Use of a compound according to any of claims 1 to 13 in the preparation of a medicament for the treatment of fungal diseases.

- 5 27. Use of a compound according to any of claims 1 to 13 in the preparation of a medicament for the treatment of cholesterol induced diseases.
 - 28. Use of a compound according to any of claims 1 to 13 in the preparation of a medicament for the treatment of immune diseases.
- 29. Use of a compound according to any of claims 1 to 13 as an intermediate in the synthesis of polyketides.
 - 30. Method for the preparation of a compound according to any of claims 1 to 13.